

## Biotic Communities of Arizona

	Alpine Tundra		Plains Grassland
	Fir Forest		Desert Grassland
	Pine Forest		Great Basin Desert
	Pinyon - Juniper		Mohave Desert
	Oak Woodland / Oak - Pine		Chihuahuan Desert
	Chaparral		Sonoran Desert
	Mountain Grassland		

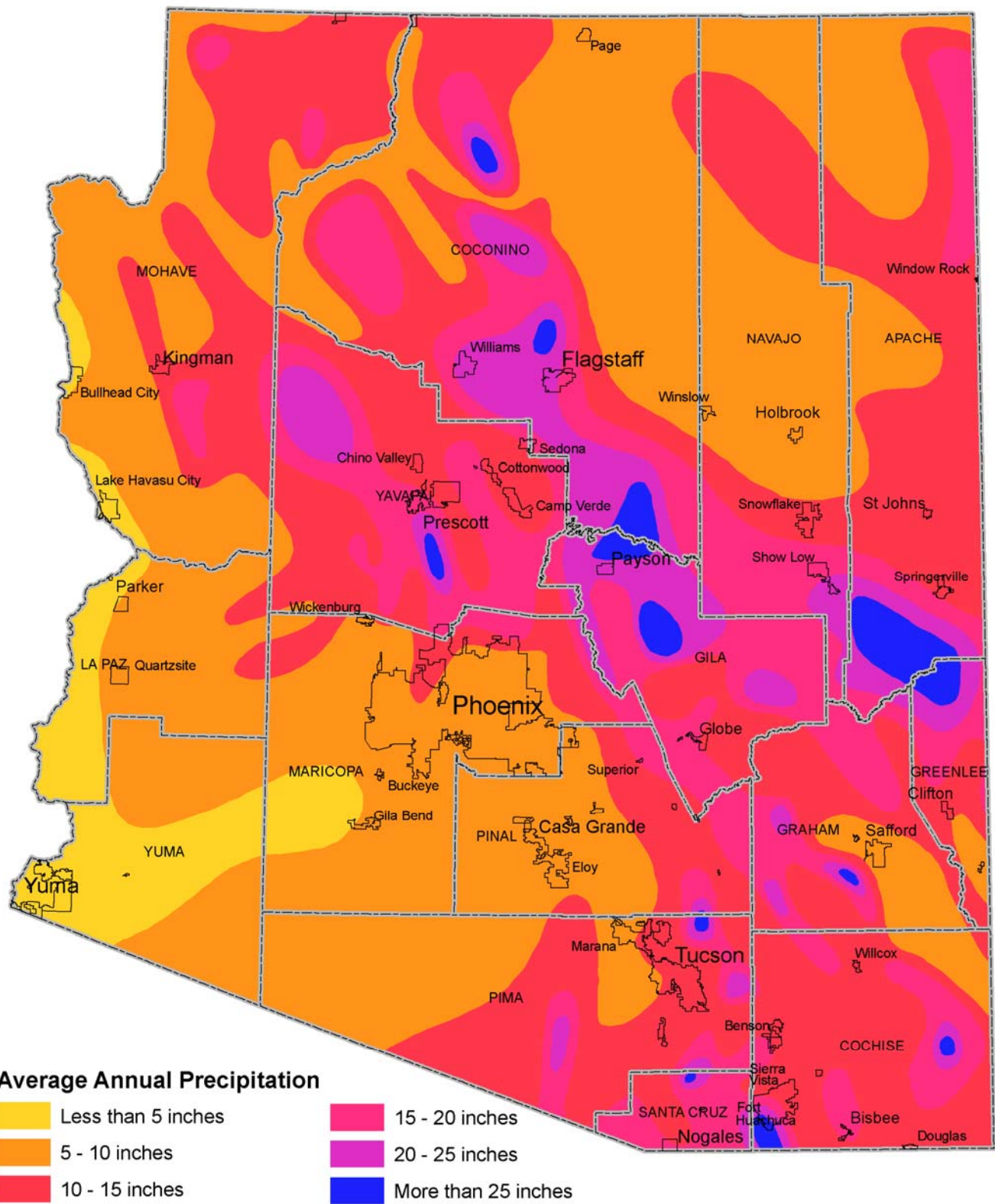


Adapted from "Biotic Communities of the Southwest",  
August 1980 by David E. Brown and Charles H. Lowe.

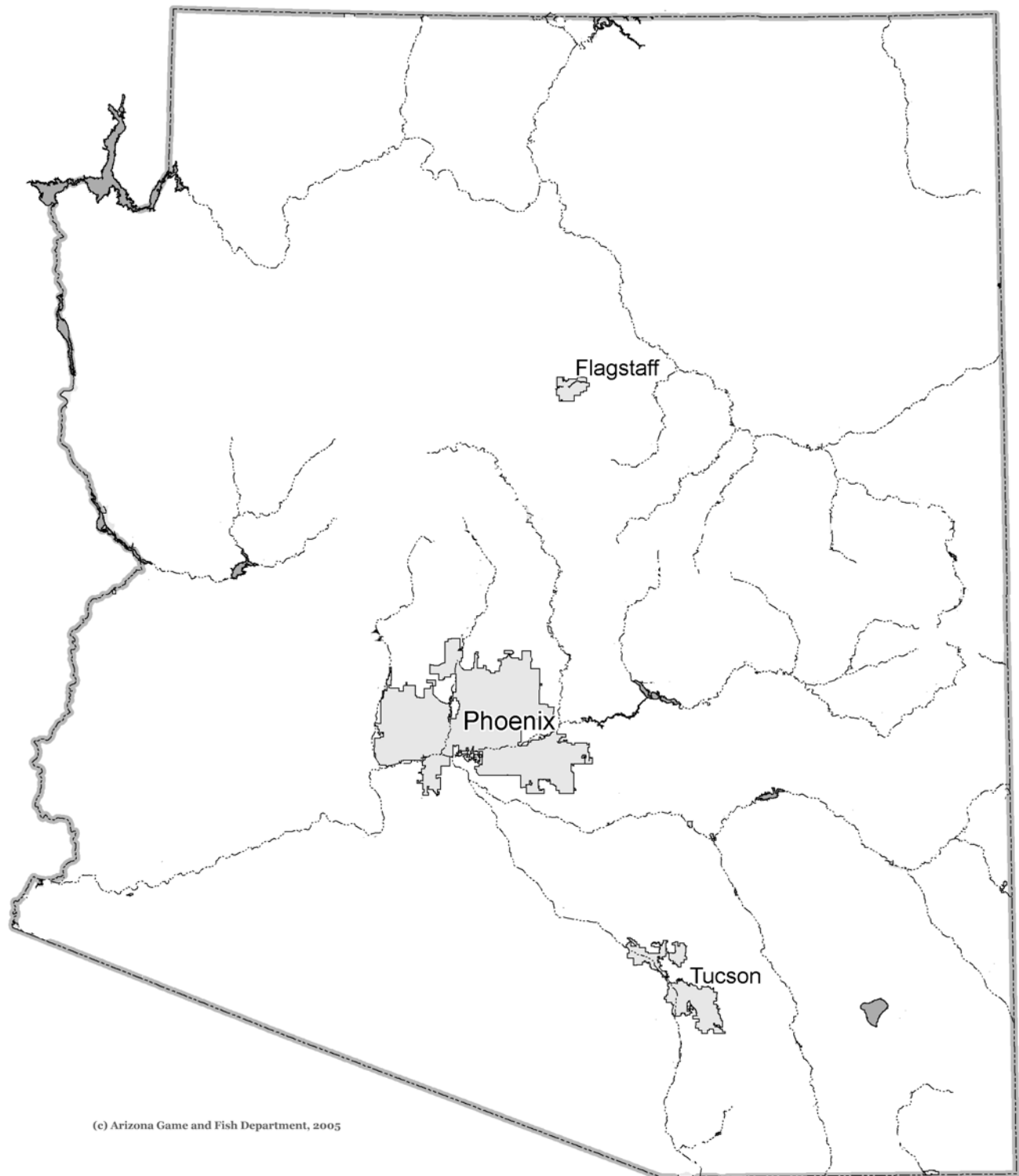








## Map of Arizona: Student Version



(c) Arizona Game and Fish Department, 2005

## Mapping Biotic Communities Rubric

Use the following rubric to assist you as you create your map of the biotic communities in Arizona.

CATEGORY	4	3	2	1
<b>Labels - Accuracy</b>	Items are labeled and located correctly.	Most items are labeled and located correctly.	Some items are labeled and located correctly.	Many items are labeled and located incorrectly.
<b>Labels and Features - Neatness</b>	Labels/features can be read easily and are neatly done.	Most labels/features can be read easily and are neatly done.	Labels/features may be difficult to read and/or are messy.	Labels/features are difficult to read and/or are messy.
<b>Map Legend/Key</b>	Legend is easy-to-find and contains a complete set of symbols, including a compass rose.	Legend contains a complete set of symbols, including a compass rose.	Legend contains an almost complete set of symbols, including a compass rose.	Legend is absent or lacks several symbols.
<b>Spelling/ Capitalization</b>	Words on the map are spelled and capitalized correctly.	There are few spelling or capitalization errors.	Many words are misspelled and/or are capitalized incorrectly.	Most words are misspelled and/or are capitalized incorrectly.



*Where the Wild  
Things Are*

## Poster Rubric

Use the following rubric to assist you in creating your poster for this activity.

CATEGORY	4	3	2	1
<b>Labels/Title</b>	All major sections are clearly labeled and can be read from at least 3 feet away.	Almost all major sections are clearly labeled and can be read from at least 3 feet away.	Some of the major sections are clearly labeled and can be read from at least 3 feet away.	Labels are too small to view or no major sections were labeled.
<b>Question</b>	The question is clearly defined and stated.	The question is identified but is stated in a somewhat unclear manner.	The question is partially identified and is stated in a somewhat unclear manner.	The question is irrelevant or not present.
<b>Hypothesis</b>	Hypothesis is clearly written in the correct format and reasonable based on prior knowledge.	Hypothesis is clearly written and based on prior knowledge.	Hypothesis is difficult to understand and is not based on prior knowledge.	The hypothesis is not present.
<b>Data/Analysis</b>	Graphs and tables are neat, labeled, and titled. Trends and patterns are identified and logically analyzed.	Graphs and tables are neat, labeled, and titled. Trends and patterns are identified.	Graphs and tables are present and may be labeled, but there is no analysis.	Graphs and tables are not present.
<b>Conclusion</b>	Conclusion includes all elements (hypothesis has been supported or refuted, what was learned, and questions for future study).	Conclusion is missing 1 element.	Conclusion is missing 2 elements.	Conclusion is not present.
<b>Appearance</b>	Poster is typed and pleasing to the eye. All information is organized in a clear, logical manner. All graphics are relevant.	Poster is typed and pleasing to the eye. Information is organized in a clear, logical manner. Some graphics are not relevant.	Information is organized in a somewhat logical manner. Some graphics are not relevant.	Information is not organized in a logical manner. Graphics are not present or not relevant.
<b>Spelling/Grammar</b>	There are no spelling or grammar mistakes on the poster.	There is 1 spelling or grammar mistake on the poster.	There are 2 spelling or grammar mistakes on the poster.	There are more than 2 spelling or grammar mistakes on the poster.



# Poster Analysis Worksheet

Group Members: \_\_\_\_\_

Thoroughness of hypothesis	4	3	2	1
Comments:				
Quality of graphs	4	3	2	1
Comments:				
Validity of Conclusions	4	3	2	1
Comments:				
Attractiveness of Poster	4	3	2	1
Comments:				
Quality of presentation	4	3	2	1
Comments:				

What did you like about the poster and presentation?

Suggest improvements for the presenters.

What did you learn from this presentation?

Group Members: \_\_\_\_\_

Thoroughness of hypothesis	4	3	2	1
Comments:				
Quality of graphs	4	3	2	1
Comments:				
Validity of Conclusions	4	3	2	1
Comments:				
Attractiveness of Poster	4	3	2	1
Comments:				
Quality of presentation	4	3	2	1
Comments:				

What did you like about the poster and presentation?

Suggest improvements for the presenters.

What did you learn from this presentation?

Group Members: \_\_\_\_\_

Thoroughness of hypothesis	4	3	2	1
Comments:				
Quality of graphs	4	3	2	1
Comments:				
Validity of Conclusions	4	3	2	1
Comments:				
Attractiveness of Poster	4	3	2	1
Comments:				
Quality of presentation	4	3	2	1
Comments:				

What did you like about the poster and presentation?

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